

PTO-1449 REPRODUCED

OUR DOCKET NO.
3650.1004-008APPLICATION NO.
10/743,360INFORMATION DISCLOSURE CITATION
IN AN APPLICATIONFIRST NAMED INVENTOR
Stavros C. ManolagasFILING DATE
December 22, 2003EXAMINER
~~Not Assigned~~ FalkCONFIRMATION NO.
9347GROUP
~~1614~~ 1632

July 7, 2004

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
AMF	AA	4,588,716	DeLuca,, H.F., <i>et al.</i>	05-13-1986
	AB	4,833,125	Neer, R.M., <i>et al.</i>	05-23-1989
	AC	5,118,667	Adams, S.W., <i>et al.</i>	06-02-1992
	AD	5,164,368	Recker, R.R., <i>et al.</i>	11-17-1992
	AE	5,510,370	Hock, J.M., <i>et al.</i>	04-23-1996
	AF	5,565,444	Mizushima, Y., <i>et al.</i>	10-15-1996
	AG	5,747,456	Chorev, M., <i>et al.</i>	05-05-1998
	AH	5,821,225	Vickery, B.H., <i>et al.</i>	10-13-1998
	AI	5,955,425	Morley, P., <i>et al.</i>	09-21-1999
	AJ	5,977,070	Piazza, C.T., <i>et al.</i>	11-02-1999
	AK	6,660,468 B1	Manolagas, <i>et al.</i>	12-09-2003
AMF	AA2	US 2002/0137209 A1	Kousteni, <i>et al.</i>	09-26-2002
	AB2			
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AMF	AL	WO 94/03201	02-17-1994	Hilliker, S.		
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
AMF	AR	Aarden, E.M., <i>et al.</i> , "Function of Osteocytes in Bone," <i>J. Cell. Biochem.</i> 55: 287-299 (1994).
	AS	Amling, M., <i>et al.</i> , "Bcl-2 Lies Downstream of Parathyroid Hormone-related Peptide in a Signaling Pathway that Regulates Chondrocyte Maturation During Skeletal Development," <i>Journal of Cell Biology</i> 136: 205-213 (1997).
	AT	Bellido, T., <i>et al.</i> , "Overexpression of Bcl-2 Renders Osteoblastic Cells Refractory to Glucocorticoid-Induced Apoptosis," <i>Bone</i> 23: S324 (1998).
	AU	Bursch, W., <i>et al.</i> , "Determination of the Length of the Histological Stages of Apoptosis in Normal Liver and in Altered Hepatic Foci of Rats," <i>Carcinogenesis</i> 11: 847-853 (1990).
	AV	Dempster, D.W., <i>et al.</i> , "Anabolic Actions of Parathyroid Hormone on Bone," <i>Endocrine Reviews</i> 14: 690-691 (1993).
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	AR2	Jilka, R.L., "Parathyroid Hormone-Stimulated Development of Osteoclasts in Cultures of Cells from Neonatal Murine Calvaria," <i>Bone</i> 7: 29-40 (1986).
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	AW2	Jilka, R.L., <i>et al.</i> , "Osteoblast Programmed Cell Death (Apoptosis): Modulation by Growth factors and Cytokines," <i>Journal of Bone and Mineral Research 13</i> (5): 793-802 (1998).
	AX2	Kato, Y., <i>et al.</i> , "Establishment of an Osteocyte-Like Cell Line, MLO-Y4," <i>Journal of Bone and Mineral Research 12</i> : 2014-2023 (1997).
	AY2	Lane, N.E., <i>et al.</i> , "Parathyroid Hormone Treatment Can Reverse Corticosteroid-induced Osteoporosis," <i>Journal of Clinical Investigation 102</i> : 1627-1633 (1998).
	AZ2	Leaffer, D., <i>et al.</i> , "Modulation of Osteogenic Cell Ultrastructure by RS-23581, an Analog of Human Parathyroid (PTH)-Related Peptide-(1-34), and Bovine PTH-(1-34), <i>Endocrinology 136</i> (8): 3624-3631 (1995).
	AR3	Lee, K., <i>et al.</i> , "Parathyroid Hormone-Related Peptide Delays Terminal Differentiation of Chondrocytes During Endochondral Bone Development," <i>Endocrinology 137</i> : 5109-5118 (1996).
	AS3	Manolagas, S.C., <i>et al.</i> , "Bone Marrow, Cytokines, and Bone Remodeling: Emerging Insights into the Pathophysiology of Osteoporosis," <i>New England Journal of Medicine 332</i> : 305-311 (1995).
	AT3	Parfitt, A.M., <i>et al.</i> , "Bone Histomorphometry: Standardization of Nomenclature, Symbols, and Units," <i>Journal of Bone and Mineral Research 2</i> : 595-610 (1987).
	AU3	Reeve, J., <i>et al.</i> , "Anabolic Effect of Human Parathyroid Hormone fragment on Trabecular Bone in Involutional osteoporosis: a Multicentre Trial," <i>British Medical Journal 280</i> : 1333-1390 (1980).
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	AY3	Tam, C.S., <i>et al.</i> , "Parathyroid Hormone Stimulates the Bone Apposition rate Independently of Its Resorptive Action: Differential Effects of Intermittent and Continuous Administration," <i>Endocrinology</i> 110: 506-512 (1982).
	AZ3	Thornberry, N.A., <i>et al.</i> , "Caspases: Enemies Within," <i>Science</i> 281: 1312-1316 (1998).
	AR4	Vickery B.H., <i>et al.</i> , "RS-66271, a C-Terminally Substituted analog of Human Parathyroid Hormone-Related Protein (1-34), Increases Trabecular and Cortical Bone in Ovariectomized, Osteopenic Rats," <i>Journal of Bone and Mineral Research</i> 11: 1943-1951 (1996).
	AS4	Weinstein, R.S., <i>et al.</i> , "Inhibition of Osteoblastogenesis and Promotion of Apoptosis of Osteoblasts and Osteocytes by Glucocorticoids," <i>The Journal of Clinical Investigation</i> 102: 274-282 (1998).
	AT4	Wright, S.C., <i>et al.</i> , "Activation of CPP32-like Proteases Is Not Sufficient to Trigger Apoptosis: Inhibition of Apoptosis by Agents that Suppress Activation of AP24, but Not CPP32-like Activity," <i>Journal of Experimental Medicine</i> 186: 1107-1117 (1997).
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	AV4	Dempster, D.W., "Exploiting and Bypassing the Bone Remodeling Cycle to Optimize the Treatment of Osteoporosis," <i>Journal of Bone and Mineral Research</i> 12(8): 1152-1154 (1997).
	AW4	Ferretti, J.L., <i>et al.</i> , "Perspectives on Osteoporosis Research: Its Focus and Some Insights from a New Paradigm," <i>Calcif. Tissue Int.</i> 57: 399 (1995).
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AMF	AZ4	Hughes, D.E., <i>et al.</i> , "Apoptosis in Bone Physiology and Disease," MP. <i>Molecular Pathology</i> , BMJ Publishing Group, Vol. 50: 132-137 (1997) London, GB.

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	AS5	Iida-Klein, A., <i>et al.</i> , "Effects of Calcitonin on 3', 5'-Cyclic Adenosine Monophosphate and Calcium Second Messenger Generation and Osteoblast Function in UMR 106-06 Osteoblast-Like Cells," <i>Endocrinology</i> 130(1): 381-388 (1992).
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	AU5	Jilka, R.L., <i>et al.</i> , "Increased Bone Formation by Prevention of Osteoblast Apoptosis with Parathyroid Hormone," <i>Journal of Clinical Investigation</i> 104(4): 439-466 (1999).
	AV5	Kameda, T., <i>et al.</i> , "Estrogen Inhibits Bone Resorption by Directly Inducing Apoptosis of the Bone-Resorbing Osteoclasts," <i>The Journal of Experimental Medicine</i> 186(3): 489-495 (1997).
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↓	AS6	Parfitt, A.M., "Bone Forming Cells in Clinical Conditions," <i>Bone</i> , Vol. 1, 351-429, CRC Press, Boca Raton (1996).
AMF	AT6	Plotkin, L.I., <i>et al.</i> , "Bisphosphonates Prevent Glucocorticoid-Induced Apoptosis of Osteocytes in Vitro: a Putative Mechanism Influencing Mechanosensing," <i>Bone</i> 23: S157 (1998).

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AMF	AU6	Plotkin, L.I., <i>et al.</i> , "Prevention of Osteocyte and Osteoblast Apoptosis by Bisphosphonates and Calcitonin," <i>Journal of Clinical Investigation</i> 104(10): 1363-1374 (1999).
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	AW6	Sahni, M., <i>et al.</i> , "Bisphosphonates Act on Rat Bone Resorption Through the Mediation of Osteoblasts," <i>Journal of Clinical Investigation</i> 91: 2004-2011 (1993).
	AX6	Short, B.G., <i>et al.</i> , "Automated Double Labeling of Proliferation and Apoptosis in Glutathione S-Transferase-Positive Hepatocytes in Rats," <i>Journal of Histochemistry & Cytochemistry</i> 45(9): 1299-1305 (1997).
	AY6	Verbeijen, M.H., <i>et al.</i> , "Parathyroid Hormone Activates Mitogen-activated Protein Kinase via cAMP-mediated Pathway Independent of Ras," <i>Journal of Biological Chemistry</i> 272(6): 3423-3429 (1997).
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	AR7	Schwartz, Z., <i>et al.</i> , "Differential Regulation of Prostaglandin E2 Synthesis and Phospholipase Activity by 1,25-(OH)2D3 in Three Osteoblast-like Cell Lines (MC-3T3-E1, ROS 17/2.8, and MG-63)," <i>Bone</i> 13(1): 51-8 (1992).
	AS7	Lane, J.M., <i>et al.</i> , "Intermittent Treatment with Human Parathyroid Hormone (hPTH[1-34]) Increased Trabecular Bone Volume but Not Connectivity in Osteopenic Rats," <i>Journal of Bone and Mineral Research</i> 10(10): 1470-1477 (1995)
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	AU7	Hill, P.A., <i>et al.</i> , "Multiple Extracellular Signals Promote Osteoblast Survival and Apoptosis," <i>Endocrinology</i> : 138(9), 3849-3858 (1997).
	AV7	Lecka-Czernik, B., <i>et al.</i> , "Cellular and Molecular Biomarkers Indicate Precocious In Vitro Senescence in Fibroblasts from SAMP6 Mice," <i>Journal of Gerontology</i> : 52A(6), B331-B336 (1997).
AMF	AW7	Meng, X.W., <i>et al.</i> , "Temporal Expression of the Anabolic Action of PTH in Cancellous Bone of Ovariectomized Rats," <i>Journal of Bone and Mineral Research</i> : 11(4), 421-429 (1996).

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AMF	AX7	Okamoto, Y., "Femoral Peak Bone Mass and Osteoclast Number in an Animal Model of Age-Related Spontaneous Osteopenia," <i>The Anatomical Record</i> : 242, 21-28 (1995).
	AY7	Cornish, J., "An In Vivo Model for the Rapid Assessment of the Local Effects of Parathyroid Hormone on Bone Histomorphometry," <i>Bone</i> : 17(4) Supp., 249S-254S (1995).
	AZ7	Fujibayashi, <i>et al.</i> , "Differential Aging Pattern of Cerebral Accumulation of Radiolabeled Glucose and Amino Acid in the Senescence Accelerated Mouse (SAM), a New Model for the Study of Memory Impairment., <i>Biological and Pharmaceutical Bulletin</i> , 17(1):102-105 (1994).
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AMF	AS8	Lane, N.E., <i>et al.</i> , "The Science and Therapy of Glucocorticoid-Induced Bone Loss", <i>Endocrinology and Metabolism Clinics of North American</i> , 27(2):465-483. (1998).
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AMF	AM	WO 99/61044	12/02/1999	The Board of Trustees of the University of Arkansas		
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